3D CATALOGUE

BY XPAND

XPAND 3D™

BEYOND IMAGINATION

3D Catalogue

XPAND - Advancing the Art & Science of Multidimensional Imaging

The global leader in the 3D market, XPAND 3D is synonym for state-of-the-art 3D technology and at the same time the leading force behind the trend of standardization of 3D protocols and services. In striving for universal solutions, XPAND is capable of bringing the 3D to every aspect of digital life: 3D cinema as well as home 3D entertainment, professional environment, education, medicine and other fields, where replicating or imagining worlds in 3D is needed.

XPAND 3D not only designs, manufactures and OEMs a range of consumer electronics 3D solutions, but also licenses 3D technology to third parties.

XPAND 3D
BEYOND IMAGINATION

3D Cinema

XPAND is the right choice if you are looking for expanding your cinema or multiplex to be ready for crisp and immaculate 3D. XPAND 3D Cinema System, adopted by more than 5.000 cinemas worldwide, is a flexible, cost-effective solution and doesn't require silver screen.

XPAND offers several unique 3D systems and platforms, having partnered with hundreds of exhibitors, studio groups, filmmakers, consumer technologies and industry professionals who continue to enjoy a distinctive choice in 3D. Based on a philosophy that 3D has become mainstream entertainment with infinite possibilities, XPAND has become a recognized brand for the most superior stereoscopic image delivery.

XPAND is official 3D technology partner for series of film festivals, including Cannes Film Festival, Venice Film Festival, San Sebastian Film festival etc.

FESTIVAL DE CANNES
Technical Partner

CINEMA

The Benefits of Adopting XPAND

- Superior Quality Active 3D Technology
- Fully Immersive Studio Endorsed 3D Delivery System
- No Silver Screen Requirement
- Large Formats up to 20 meters and beyond
- Rapid Transition from 2D to 3D
- Auditorium Transfer within Minutes
- Flexibility with Traveling & Mobile Exhibition
- Streamline Installation
- Competitive Pricing
- Global Network
- all XPAND's products are HFR ready!

All XPAND 3D Products Are HFR Ready!

Pirates of the Caribbean: On Stranger Tides Premiere in Disneyland (May 2011) was powered by XPAND Infinity 3D System along with X101 Cinema 3D Glasses. It was first ever open air movie premiere and great success both for Disney and XPAND.

XPAND 3D
BEYOND IMAGINATION

CINEMA

Recommended XPAND systems and products

- **XPAND Cinema 3D Glasses (Model No. X101)** are the most popular Active Shutter Glasses in the world, being used in more than 5.000 cinemas around the Globe.
- **XPAND Small-sized Cinema 3D Glasses (Model No. X1031)** are made to fit the heads of the youngest cinema audience. Much lighter in weight they make child's experience in 3D an enjoyable event!
- **XPAND Infinity 3D Glasses (Model No. X103c):** We took our signature product Cinema 3D Glasses and made it even better. XPAND Infinity 3D Glasses are the next level of cinema 3D glasses. Lighter in weight the Infinity 3D glasses have improved brightness and viewing angle and are an ideal choice for VIP cinema experience.
- **XPAND Pi Cinema 3D Glasses (Model No. X103-CP3):** these glasses continue the tradition of ultimate 3D performance found in XPAND's legendary X101 Cinema 3D Glasses, but with lighter weight, improved ergonomic design, standard CR2032 battery and extended battery life!
- **XPAND 3D Cinema Systems:** XPAND has developed a series of different 3D Systems for different needs of cinema exhibitors and other applications (professional, corporate, educational etc.). These systems are based on different IR emitters that are able of covering different sizes of space:
  - **Standard 3D Cinema Kit** is designed to fit the needs of regular sized movie theaters. It's fully immersive studio endorsed 3D delivery system.
  - **XPAND ONE™** is a solution for small venues or independent cinemas with a maximum capacity of 150 seats.
  - **Custom Systems:** Our product range includes more powerful systems for larger venues, covering up to thousand of seats. XPAND provides special solutions for non-standard venues.

NEW **XPAND Passive 3D Cinema:** Creating Cinema Solutions for all 3D Experiences, XPAND now offers active and also **passive 3D systems** (check product line at the end of this catalogue)

XPAND Cinema Emitters

XPAND Cinema 3D Glasses (X101)

XPAND Infinity™ 3D Glasses (X103c)

XPAND Small-sized Cinema 3D Glasses (X1031)

XPAND Pi Cinema 3D Glasses (X103-CP3)

Accessories and Other related products

- 3D Glasses Trolley
- X-Wipes
- X-Batteries (for X101)
- Standard Ear Pieces (for X101)
- Small Ear Pieces (for X101)
- Nose Pieces

XPAND 3D BEYOND IMAGINATION

3D Education

From elementary schools to institutes of higher learning and beyond, education is a critical determinant of quality of life. The world's teachers work tirelessly to keep students focused on learning by coupling comprehensive lesson plans with interactive technologies to keep students involved and attentive. Today, we meet the versatile visualization demands for ease of use, brightness and network access to provide eductional, interactive and fun lesson plans to mold the minds of all students, no matter what age. Fully integrated 3D systems have **unlimited educational opportunity**.

EDUCATION

Application areas:

- School classrooms
- Higher Education
- Engineering Departments
- Theatre
- Film School
- Computer Lab
- Planetariums
- Houses of worship
- Conference rooms
- Conference centers
- Hotels

Advantages of XPAND 3D for this application

XPAND 3D glasses are known as the most rugged and durable 3D glasses, being engineered to withstand repeated use as well as provide the best distances and range giving you the very best 3D view possible.

XPAND 3D offers a variety of 3D glasses features: multiple battery types (CR2032, proprietary battery for washing, rechargeable) and also offers communication across multiple platforms; such as, DLP, Infrared (IR) and Radio Frequency (RF) technology.

This flexibility allows schools to choose XPAND 3D glasses that work with LCD projectors, plasma and LCD televisions, etc. depending on the school's preferred medium of viewing 3D.

If you are a teacher you may have already heard about the benefits of 3D education:

- 3D brings **excitement** to learning;
- 3D lessons are **captivating and engaging;**
- **Abstract subjects become tangible** for students;
- Understanding of complex ideas **improves**;
- Knowledge **retention increases**;
- 3D **increases average score** with tests.

Comparing two groups of children, one taking 2D and the other a 3D lesson, researchers have come upon amazing results. The lesson, which normally requires two to three class periods to complete, was taught in just one class period. The test results were astounding: in the first classroom (normal lesson), the control group test scores increased 9.7 percent.

But the group that received its lesson in 3D saw a 35 percent increase!

At XPAND 3D, we realize that the art and science of teaching requires the application of both art and science! It's for this reason we developed a complete 3D education ecosystem that includes our award-winning 3D glasses with teacher-inspired content, 3D ready projector and playback systems from proven leaders in education technologies.

XPAND 3D
BEYOND IMAGINATION

EDUCATION

Recommended XPAND systems and products

- **XPAND Edux 3 3D Glasses (DLP®-Link):** We took what was best in cinemas and made it available for single chip DLP® projectors using DLP®-Link 3D communication, compatible with all 3D DLP projectors.
- **XPAND 3D Educational Package:** XPAND 3D Educational Package is comprised of 30 Pair of the Edux 3 DLP glasses in a durable plastic molded carrying case for protection and easy management.

There are four key elements necessary to implement 3D in the classroom: XPAND 3D Edux 3 3D DLP glasses, ANY 3D ready DLP projector, 3D content (may be purchased through XPAND 3D) and computer. Please note that some computers may require a quad buffered graphics card depending on the projector model.

- **XPAND 3D EDU Content:** Using these 3D simulations will enhance the learning experience by providing the students with a clear and complete visualization of difficult concepts. The instructors will benefit by having access to a technologically advanced, fully interactive teaching tool, which will grab and retain the students' attention creating a more conducive learning environment for ALL students.
- Software products:
  - XPAND 3D is the largest aggregator of **3D Educational content** creating a One-Stop-Shop for schools to be able to buy all their content from one simple location allowing you to rest assured that you are buying the right content for your specific needs. Please call or email for a list of available content and demo content.
  - **XPAND 3D Plugin for PowerPoint®** is a great tool that enables you to set depth to every element in the slideshow and to embed 3D objects (like movies, pictures, models).
  - **XPAND 3D Stereoscopic Player:** XPAND Stereoscopic Player is a full-featured 3D movie player. Play stereoscopic movie files and 3D-DVDs, watch stereoscopic webcast as well as live images from your camera or TV card.
  - All XPAND software can be downloaded and tried at http://www.xpand.me/software/
- Other related products:
  - X-Wipes
  - Nose Piece (for Edux 3)
  - Standard Ear Pieces (for Edux 3)
  - Small Ear Pieces (for Edux 3)
  - Standard Button Cell Battery CR2032

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XPAND 3D™ BEYOND IMAGINATION

Pro Applications in 3D

Textbook courses, while offering substantial information, can only go so far when training the military's next pilot, the nation's greatest surgeon, or any other professional in a life-or-death-situation career. Visual, hands-on experience is required to turn this general knowledge into practical solutions, ensuring everything from lives to property are not lost or damaged. By simulating situations and potential crisis scenarios as accurately as possible, professionals can prepare for every aspect of their career, whether in flight, on water, with weapons or delicate surgical proceedures.

PRO APPLICATIONS

Application areas:

- Flight simulation
- Ship-bridge simulation
- Driving simulation
- Air traffic control
- Operation simulation
- Virtual Reality
- Museums

Advantages of XPAND for this application

XPAND 3D's full-service 3D solutions, which include a complete line of active 3D glasses and 3D emitting capabilities offer users in the world of professional training a complete operation at a cost much less than intricate simulators. XPAND 3D also works to develop custom content for use in the professional realm. Our team will work with companies to design immersive, interactive 3D simulation that will provide those in various fields the optimum opportunities in preparation.

XPAND 3D BEYOND IMAGINATION

PRO APPLICATIONS

Recommended XPAND systems and products

- **DLP Link 3D Glasses:** We took what was best in Cinemas and made it available for single chip DLP® projectors using DLP®-Link 3D communication.
- **Universal 3D Glasses:** The XPAND Universal 3D Glasses™ are the only glasses that can be used at home, in your office and in XPAND movie theaters — anywhere you go there is a 3D experience to remember.
- **YOUniversal 3D Electronic Eyewear:** The YOUNIVERSAL glasses put YOU in universal. No two people view 3D in the exact same way: XPAND electronic 3D eyewear comprehensively addresses the unique differences in people's vision, the viewing environment and selection of 3D devices, thus creating the ultimate 3D experience!
- **XPAND 3D Systems:** XPAND has developed a series of different 3D Systems for different needs of cinema exhibitors and other applications (professional, corporate, educational, home etc.). These systems are based on different IR emitters that are able of covering different sizes of space:
  - **XPAND ONE™** is a 3D solution for small venues, conference rooms or any other professional application with a maximum capacity of 150 seats. Works in combination with **XPAND Cinema 3D Glasses**, **XPAND Universal 3D Glasses** and **XPAND YOUniversal Electronic 3D Eyewear**.
- Software products:
  - **XPAND 3D Plugin for PowerPoint®** is a great tool that enables you to set depth to every element in the slideshow and to embed 3D objects (like movies, pictures, models).
  - **XPAND 3D Stereoscopic Player:** XPAND Stereoscopic Player is a full-featured 3D movie player. Play stereoscopic movie files and 3D-DVDs, watch stereoscopic webcast as well as live images from your camera or TV card.
  - All XPAND software can be downloaded and tried at http://www.xpand.me/software/
- Other related products:
  - X-Wipes
  - Nose Piece
  - Standard Ear Pieces
  - Small Ear Pieces
  - Standard Button Cell Battery CR2032

XPAND 3D™
BEYOND IMAGINATION

Home & Small VIP 3D Cinema

With the growing popularity of 3D feature films across the globe, the demand for theater-quality in-home entertainment has blossomed. From 3D television broadcasts, video games and in-home recording devices to DVD and BluRay movies, the home entertainment system is becoming more complex, more inclusive of new formats and media and better integrated than ever before possible. This offers not only the best in entertainment, but also an equally impressive alternative to a family night out.

HOME CINEMA

Advantages of XPAND 3D for this application

You've seen 3D cinema and now 3D is knocking on the door of your home. What kind of glasses should you use to see that soccer match in perfect quality? The answer is XPAND active 3D glasses. XPAND 3D brings professional-grade cinematic performance to the home because comes from the world of cinema. Working together with cinema projector manufacturers like Barco, Christie and NEC and other major companies such as Texas Instruments, Philips, Panasonic…, XPAND offers the easiest-to-use universal 3D glasses in the market.

XPAND 3D™
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HOME CINEMA

Recommended XPAND systems and products

- **XPAND Small-sized Cinema 3D Glasses (Model No. X1031)** are made to fit the heads of the youngest cinema audience. Much lighter in weight they make child's experience in 3D an enjoyable event!
- **YOUniversal 3D Electronic Eyewear:** XPAND YOUniversal Electronic 3D Eyewear comprehensively addresses the unique differences in people's vision, the viewing environment and selection of 3D devices, thus creating the ultimate 3D experience! The eyewear is available in three sizes and colours (large blue and white, medium white and small in red and blue).
- **XPAND Infinity 3D Glasses (Model No. X103c):** We took our signature product Cinema 3D Glasses and made it even better. XPAND Infinity 3D Glasses are the next level of cinema 3D glasses. Lighter in weight the Infinity 3D glasses have improved brightness and viewing angle and are an ideal choice for VIP cinema experience.
- **XPAND Edux 3 3D Glasses (DLP®-Link):** We took what was best in Cinemas and made it available for single chip DLP® projectors using DLP®-Link 3D communication.
- **XPAND 3D Systems:** XPAND has developed a series of different 3D Systems for different needs of cinema exhibitors and other applications (professional, corporate, educational, home etc.). These systems are based on different IR emitters that are able of covering different sizes of space:
  - **XPAND ONE™** is a 3D solution for small venues, conference rooms or any other professional application with a maximum capacity of 150 seats. Works in combination with **XPAND Cinema 3D Glasses**, **XPAND Universal 3D Glasses** and **XPAND YOUniversal Electronic 3D Eyewear**.
  - **XPAND QC & VIP 3D Cinema Kits: these kits are simple packages of anything you need to set-up and run a small theater or home cinema in 3D**. Both packages contain a mid-range IR emitter and 10 pieces of 3D glasses: QC features Infinity 3D Glasses, while VIP kit features 10 pieces of YOUniversal Electronic 3D Eyewear.
- Other related products:
  - X-Wipes

XPAND Small-sized Cinema 3D Glasses (X1031)

XPAND YOUniversal Electronic 3D Eyewear

XPAND ONE Emitter

XPAND Infinity™ 3D Glasses (X103c)

XPAND Edux 3 3D Glasses (DLP Link)

XPAND AE125 Mid-range Emitter

XPAND 3D™
BEYOND IMAGINATION

Product Lineup

XPAND Cinema 3D Glasses

cinema | edu

XPAND's Cinema 3D Glasses are the most popular Active Shutter Glasses in the world, being used in more than 5.000 cinemas around the Globe.

Frame Specifications

Lens Size: 2.2" diagonal (57mm)

Frame model: X101

Frame Colour: Red

Technical Specifications

3D Technology: Active Shutter Glasses

Lens type: LCD, Pi-cell

Sync Method: IR

Refresh: 96 - 144 Hz

Battery Life: 250 hours

Viewing Angle (contrast < 100:1): 20 degree

Temperature: 5 – 45°C

Switching Time: open 0,9 ms; close 0,2 ms

Lens Transparency: 35% +/- 1 %

Contrast: nominal 1:200

Supports: XPAND Cinema

All XPAND 3D Products Are HFR Ready!

XPAND 3D
BEYOND IMAGINATION

XPAND Small-sized Cinema 3D Glasses

cinema | edu | home cinema

XPAND Small-sized Cinema 3D Glasses are made to fit the heads of the youngest cinema audience. Much lighter in weight they make every moviegoer's experience in 3D an enjoyable event!

Frame Specifications

Weight: 1.4 oz (39 g)

Dimensions (W x H x D): 5.9 x 1.7 x 5.9" (150 x 44 x 152 mm)

Lens Size: 2" (50 mm) diagonal

Frame model: X1031

Frame colour: red with black ear handles

Technical Specifications

3D Technology: Active Shutter Glasses

Lens Type: LCD, TN

Sync Method: IR

Refresh: 96-144 Hz

Battery Type: CR2032 battery, 220mAh

3D Viewing Angle: 170 degree

Temperature: 5 - 45°C

All XPAND 3D Products Are HFR Ready!

XPAND 3D
BEYOND IMAGINATION

XPAND Edux 3 3D Glasses (DLP®-Link™ 3D Glasses)

edu | pro | home cinema

XPAND Edux 3 Series is designed for DLP®-Link™ communication between the glasses and TV/ projector. Compared to first generation of XPAND Edux 3D Glasses, these are lighter in weight, more ergonomic and not waterproof, plus they are powered by standard CR2032 battery.

Frame Specifications

Lens size: 2.2" diagonal (57mm)

Weight: 1.9 oz (56 g)

Dimensions (W x H x D): 6.6" x 1.8" x 6.4"

Frame model: X103

Frame Colour: Black

Technical Specifications

3D Technology: Active Shutter Glasses

Lens Type: LCD, TN

Sync Method: DLP®-Link, White Light

Refresh: 96 – 120 Hz

Temperature: 5 - 45° C

Battery Life: 100 hours

Battery Type: CR2032 battery, 220mAh

XPAND 3D
BEYOND IMAGINATION

XPAND Infinity 3D Glasses / Pro

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Frame Specifications

Lens size: 2.2" diagonal (57mm)

Weight: 1.9 oz (56 g)

Dimensions (W x H x D): 6.6" x 1.8" x 6.4"

Frame model: X103

Frame Colour: Red primary, Black optional as XPAND Infinity 3D Glasses Pro

Technical Specifications

3D Technology: Active Shutter Glasses

Lens Type: LCD, TN

Lens Transparency: 37%

Sync Method: IR

Refresh: 96 Hz to 144 Hz

Temperature: 5 - 45° C

Battery Life: Over 300 hours in triple flash mode

Battery Type: CR2032 battery, 220mAh

All XPAND 3D Products Are HFR Ready!

XPAND 3D
BEYOND IMAGINATION

XPAND Pi 3D Glasses

cinema | edu | pro

3D cinema Inf Pi stereoscopic glasses. With standard battery. Non washable. SECURED

Frame Specifications

Lens size: 2.2" diagonal (57mm)

Weight: 1.9 oz (56 g)

Dimensions (W x H x D): 6.6" x 1.8" x 6.4"

Frame model: X103

Frame Colour: Red primary, Black optional

Technical Specifications

3D Technology: Active Shutter Glasses

Lens type: LCD, Pi-cell

Sync Method: IR

Refresh: 96 - 144 Hz

Battery Life: 250 hours

Viewing Angle (contrast < 100:1): 20 degree

Temperature: 5 – 45°C

Switching Time: open 0,9 ms; close 0,2 ms

Residual Light: 35% +/- 1 %

Contrast: nominal 1:200

Supports: XPAND Cinema

All XPAND 3D Products Are HFR Ready!

XPAND 3D BEYOND IMAGINATION

XPAND YOUniversal Electronic 3D Eyewear with RF Dongle

cinema | edu | pro | home cinema

YOUniversal, 3D stereoscopic glasses. With rechargeable battery. Non washable. SECURED. With RF Dongle.

Frame Specifications

Availability: 3 sizes (S, M & L)

Dimensions small:

- width: 139,7 mm (5.5 inches)
- height: 46,4 mm (1.83 inches)
- length (folded earpieces): 41,7 mm (1.64 inches)
- length (open): 154,7 mm (6.09 inches)
- weight: 46 grams (1.62 ounces)

Dimensions medium:

- width: 144 mm (5.67 inches)
- height: 42,3 mm (1.67 inches)
- length (folded earpieces): 41,5 mm (1.63 inches)
- length (open): 154,7 mm (6.09 inches)
- weight: 46 grams (1.62 ounces)

Dimensions large:

- width: 160,6 mm (6.32 inches)
- height: 45,8 mm (1.8 inches)
- length (folded earpieces): 41,9 mm (1.65 inches)
- length (open): 164,4 mm (6.47 inches)
- weight: 47 grams (1.66 ounces)

Frame model: X104

Frame Colour:

- large: blue, white
- medium: white
- small: red, blue

XPAND 3D™
BEYOND IMAGINATION

Technical Specifications

3D Technology: Active Shutter Glasses

Lens Type: LCD

Primary Sync Method: IR (infra-red)

Expandable Sync Method: Radio Frequency (via RF Dongle, sold separately as accessory or bundled with YOUniversal Electronic 3D Eyewear)

Battery Type: Rechargeable Lithium-ion Polymer cell

Typical Capacity of the Battery: 135 mAh

Weight of the Battery: 3.5 grams (0.12 ounces)

Dimensions of the Battery: 3.5 × 10 × 45 mm (0.14 × 0.39 × 1.77 inches)

Estimated operation time of the Battery (on one charge): 35 hours

Extensions (available as accessories): RF Dongle (Radio Frequency extension)

Color **Size** L

Color **Size** L

Color **Size** M

Color **Size** S

Color **Size** S

XPAND 3D
BEYOND IMAGINATION

AE125 - Mid-Range Emitter

edu | pro | home cinema

XPAND 3D IR emitter system generates the infrared signal that synchronizes the active 3D glasses with the digital projector or any other digital display device (projector or HDTV for example).

Nowadays the market is full of 3D ready TV sets - those have the IR emitters already built-in, but you may already own a HDTV that doesn't. This is where an external emitter like AE125 can come handy.

AE125 supports XPAND Universal 3D Glasses, XPAND Infinity 3D Glasses and XPAND YOUniversal Electronic 3D Eyewear.

- **Protection:** Encrypted
- **Connector Type:** Vesa
- **Diodes:** 25°
- **Setup:** AE125 must be aimed at screen and at the audience, if the screening room is very long
- **Coverage (maximum number of seats):** 50
- **Power Supply:** 110-240 V, power adapter included

The Product Pack Includes

- AE125 Secured Emitter
- Connecting cable between the projector and the emitter
- 24 VDC power cord
- Regionally specific power adapter
- User manual

XPAND 3D
BEYOND IMAGINATION

XPAND Passive 3D Cinema

cinema

Creating Cinema Solutions for all 3D Experiences, XPAND now offers active and **passive** 3D systems.

3D Modulator for Passive 3D Cinema

Having established a high quality product line for active 3D Experience, XPAND now offers 3D polarization modulator for passive 3D cinema systems.

3D Modulator has been developed to fit requirements of Passive 3D Cinema:

- Bright, Low-ghost 3D
- Crisp, Sharp Image
- Heat-tolerant
- For 3D Screen Sizes up to ~ 58 ft
- Simple, Easy to Setup and Use
- No Moving Parts Low Cost/ Maintenance
- Compatible with Standard Polarized 3D Glasses
- Patented, Future-proof

Technical Specifications

Aperture: 20 cm x 20 cm

Contrast: > 100:1

Efficiency: 15%

Operating speed: Upcoming **High Frame Rates** up to 240 Hz are supported.

XPAND Passive 3D Glasses

To complete the Passive 3D Cinema solution XPAND presents Passive 3D Glasses:

- High Quality
- Light in Weight
- Elegant Design
- Competitive Price

XPAND 3D™
BEYOND IMAGINATION

Systems and Bundles—Cinema

CINEMA

XPAND 3D Cinema, Standard

- 150-450 Seats,
- 1 x AD1000, IR Distribution Module,
- 1 x 012-0026-00, Sync. Module Cable ,
- 1 x PS, Power Supply,
- 2 x AE 210, IR Emitters,
- 2 x X-M210-25, IR Emitter Mounts,
- 2 x 012-0025-00, Emitter Cable,
- 1 x AT100, IR Tester

XPAND 3D Cinema, Extra-Power

- up to 800 Seats,
- 1 x AD1000, IR Distribution Module,
- 1 x 012-0026-00, Sync. Module Cable ,
- 1 x PS, Power Supply,
- 4 x AE 210, IR Emitters,
- 4 x X-M210-25, IR Emitter Mounts,
- 4 x 012-0025-00, Emitter Cable,
- 1 x AT100, IR Tester

All XPAND 3D Products Are HFR Ready!

XPAND 3D Cinema, ONE

- Small Auditorium, 150 seats and less,
- 1 x ADE1510, IR Controller/Emitter,
- 1 x X-M210-25, Mount,
- 1 x AT100, IR Tester,
- 1 x 012-0026-00, Sync Cable for Module

XPAND 3D Cinema, QC

- AE125 Emitter, Mid-Range, Wide Angle-25 degrees, secured and
- 10 X103-C3 Infinity glasses

XPAND 3D Cinema, VIP Cinema

- AE125 Emitter, Mid-Range, Wide Angle-25 degrees, secured and
- 10 YOUniversal Glasses X104 LX1

XPAND 3D BEYOND IMAGINATION

EDUCATION

Systems and Bundles—Edu

XPAND 3D Cinema, Standard

- 150-450 Seats,
- 1 x AD1000, IR Distribution Module,
- 1 x 012-0026-00, Sync. Module Cable ,
- 1 x PS, Power Supply,
- 2 x AE 210, IR Emitters,
- 2 x X-M210-25, IR Emitter Mounts,
- 2 x 012-0025-00, Emitter Cable,
- 1 x AT100, IR Tester

XPAND 3D Cinema, Extra-Power

- up to 800 Seats,
- 1 x AD1000, IR Distribution Module,
- 1 x 012-0026-00, Sync. Module Cable ,
- 1 x PS, Power Supply,
- 4 x AE 210, IR Emitters,
- 4 x X-M210-25, IR Emitter Mounts,
- 4 x 012-0025-00, Emitter Cable,
- 1 x AT100, IR Tester

XPAND 3D Cinema, ONE

- Small Auditorium, 150 seats and less,
- 1 x ADE1510, IR Controller/Emitter,
- 1 x X-M210-25, Mount,
- 1 x AT100, IR Tester,
- 1 x 012-0026-00, Sync Cable for Module

XPAND 3D IR Education kit

- AE125 Emitter, Mid-Range, Wide Angle-25 degrees, secured and
- 20 X103-C3 Infinity glasses

XPAND Edu Pack

- Includes 30 Edux 3D Glasses and 1 X-Case-EDU

XPAND Edu Pack 3

- Includes 30 Edux 3 3D Glasses and 1 X-Case-EDU

Systems and Bundles—Pro

XPAND 3D Cinema, Standard

- 150-450 Seats,
- 1 x AD1000, IR Distribution Module,
- 1 x 012-0026-00, Sync. Module Cable ,
- 1 x PS, Power Supply,
- 2 x AE 210, IR Emitters,
- 2 x X-M210-25, IR Emitter Mounts,
- 2 x 012-0025-00, Emitter Cable,
- 1 x AT100, IR Tester

XPAND 3D Cinema, Extra-Power

- up to 800 Seats,
- 1 x AD1000, IR Distribution Module,
- 1 x 012-0026-00, Sync. Module Cable ,
- 1 x PS, Power Supply,
- 4 x AE 210, IR Emitters,
- 4 x X-M210-25, IR Emitter Mounts,
- 4 x 012-0025-00, Emitter Cable,
- 1 x AT100, IR Tester

XPAND 3D Cinema, ONE

- Small Auditorium, 150 seats and less,
- 1 x ADE1510, IR Controller/Emitter,
- 1 x X-M210-25, Mount,
- 1 x AT100, IR Tester,
- 1 x 012-0026-00, Sync Cable for Module

XPAND 3D Cinema, QC Pro

- AE125 Emitter, Mid-Range, Wide Angle-25 degrees, secured and
- 10 X103-C1 Infinity Pro glasses

XPAND 3D Cinema, VIP Cinema

- AE125 Emitter, Mid-Range, Wide Angle-25 degrees, secured and
- 10 YOUniversal Glasses X104 LX1

HOME CINEMA

Systems and Bundles—Home Cinema

XPAND 3D Cinema, ONE

- Small Auditorium, 150 seats and less,
- 1 x ADE1510, IR Controller/Emitter,
- 1 x X-M210-25, Mount,
- 1 x AT100, IR Tester,
- 1 x 012-0026-00, Sync Cable for Module

XPAND 3D Cinema, QC Pro

- AE125 Emitter, Mid-Range, Wide Angle-25 degrees, secured and
- 10 X103-C1 Infinity Pro glasses

XPAND 3D Cinema, VIP Cinema

- AE125 Emitter, Mid-Range, Wide Angle-25 degrees, secured and
- 10 YOUniversal Glasses X104 LX1

List of XPAND Accessories

Battery Key edu	Battery Key	X101, X102	X102-KEY
Cable assembly, DB37 pass-thru to DB9-F; AD1000 cinema	Cable assembly		012-0026-00
Cable assembly, DB9-M to DB9-F; AE210 cinema	Cable assembly		012-0025-00
Cable Assembly, BNC(m) to DB9(m) pro home cinema	Cable Assembly		012-0012-00
Cable Assembly, BNC(m) to BNC(m), 2m Length pro home cinema	Cable Assembly		012-0016-00
Cable assembly, BNC to 3-pin mini-DIN pro home cinema	Cable Assembly		012-0014-00
Cable Interface Assembly, DB9-M to BNC-M and DB9-F, Active Buffer w/US Power Supply (Digital projection Titan cable) pro home cinema	Cable Interface Assembly		012-0027-00
Cable Interface Assembly, Christie DB9(F) to DB9(F)-BNC(M) (Christie Mirage cable) pro home cinema	Cable Interface Assembly		012-0028-00
Battery for Infinity Glasses, 3V Lithium (CR2032) (box 500 pcs) cinema edu pro home cinema	CR2032 Batteries	X103	PBXX-0001-00
Emitter Mount, AE210, AE225 cinema	Emitter Mount		X-M210-25
X102 Nose piece (minimum order 20 pcs) cinema edu pro home cinema	Nose Piece	X102	X-Nose
Nose pieces (box 1000 pcs; 500 S size, 500 L size) cinema edu pro home cinema	Nose Pieces	X103	X-103-NP Infinity
X101 and X102 small arm kit cinema edu pro home cinema	Small Ear Handles	X101, X102	X-ARM kit-Small
X101 and X102 standard arm kit (6 left,/6 right) cinema edu pro home cinema	Standard Ear Handles	X101, X102	X-ARM Kit
X-ARM Kit InfinityX103 Infinity standard arm kit (6 left,/6 right) cinema edu pro home cinema	Standard Ear Handles	X103	
Including 1x 012-0026-00 distribution cable; 2x 012-0025-00 emiiter cables and 2x X-M210-25 mounting kits cinema	Theatre kit		Theatre kit
Hub for reacharging X104 YOUniversal glasses. edu pro home cinema	USB Recharging Hub	X104	Hub for recharging
X101 and X102 Round Battery Assembly with O-Ring including 2 battery keys cinema edu	X-Batteries	X101, X102	050-BATTERY
Heavy Duty Plastic Protective Case for Glasses Storage and Transportation edu	XPAND 3D Glasses Case	X-Case-EDU	
3D Cart/Trolley for distribution and collection of 3D glasses cinema	XPAND 3D Trolley		X-Cart
Antibacterial sanitizing & cleaning Wipes (box 1.000 pcs) cinema edu	X-Wipes		X-Wipes